



Polypropylene Borclean™ HC312BF

Description

Borclean™ HC312BF is a polypropylene homopolymer.

CAS-No. 9003-07-0

Applications

Borclean HC312BF is recommended for:

BOPP Dielectrical film for capacitors

Rough surface film for oil impregnated capacitors

Additives

Borclean HC312BF contains no slip, antiblock nor antistatic additives.

Special Features

Borclean HC312BF is optimised to deliver:

Super high purity
Very low ash content
Low dissipation factor

High field strength (BDV)
Easy surface roughness control
Suitable for oil impregnation

Physical Properties

Property	Typical Value	Test Method
Data should not be used for specification work		
Melt Flow Rate (230 °C/2,16 kg)	3,2 g/10min	ISO 1133-1
Catalyst residues Titanium (ICP)	< 3 ppm	Borealis Test Method
Catalyst residues Aluminium (ICP)	< 3 ppm	Borealis Test Method
Catalyst residues Chloride (XRF)	< 3 ppm	Borealis Test Method
Total ash content	< 20 ppm	ISO 3451-1
Molecular weight distribution	Broad	

Electrical Properties

Property	Typical Value	Test Method
Data should not be used for specification work		
Dielectric constant	2,25	IEC 62631-2-1

Storage

Borclean HC312BF has a minimum shelf life of 18 months from production date if stored in unopened original packages, under dry and clean conditions and protected from UV light. Improper storage can initiate degradation, which results in odour generation and colour changes and can have negative effects on the physical properties of this product.

More information on storage is found in our "Safety data sheet" / "Product safety information sheet".

Borclean is a trademark of the Borealis group.

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**Polypropylene****Borclean HC312BF****Safety**

The product is not classified as dangerous. Please see our "Safety data sheet" / "Product safety information sheet" for details on various aspects of safety, recovery and disposal of the product. For more information, contact your Borealis representative.

Recycling

The product is suitable for recycling using modern methods of shredding and cleaning. In-house production waste should be kept clean to facilitate subsequent recycling. Reprocessed and recycled Borclean material cannot be used for the production of capacitor film.

Related Documents

The following related documents are available on request, and represent various aspects on the usability, safety, recovery and disposal of the product.

"Safety data sheet" / "Product safety information sheet"
Statement on chemicals, regulations and standards
Statement on compliance to food contact regulations

Issuer:

Product Management / Petar Doshev
Marketing Energy / Wolfram Stadlbauer

Disclaimer

The product(s) mentioned herein are not intended to be used for medical, pharmaceutical or healthcare applications and we do not support their use for such applications.

To the best of our knowledge, the information contained herein is accurate and reliable as of the date of publication; however we do not assume any liability whatsoever for the accuracy and completeness of such information.

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It is the customer's responsibility to inspect and test our products in order to satisfy itself as to the suitability of the products for the customer's particular purpose. The customer is responsible for the appropriate, safe and legal use, processing and handling of our products.

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